

# M101 Linear Equations Concepts Badge Portfolio: A Showcase of Your Learning

## Section 1: Required Tasks

Show off what you did! Submit work (or another agreed upon way of showing your thinking) for each of the tasks listed below.

	<b>I Can Statements</b>	<b>Required Tasks</b>	<b>Student Reflection: What new learning does the task showcase?</b>
101.a	Reason about and solve one-variable linear equations and inequalities	<ul style="list-style-type: none"><li>IM Algebra I: <a href="#">Unit 2 Lesson 7</a> Cool-down: If This, Then That</li></ul>	
101.b	Solve real-life mathematical problems using linear expressions, equations, and inequalities.	<ul style="list-style-type: none"><li>IM Algebra I: <a href="#">Unit 2 Lesson 9</a> Activity 1: Cargo Shipping</li></ul>	
101.c	Analyze and solve two-variable equations and pairs of simultaneous linear equations.	<ul style="list-style-type: none"><li>IM Algebra I: <a href="#">Unit 2 Lesson 12</a> Activity 2: Meeting Constraints</li></ul>	
101.d	Represent and solve linear equations and inequalities graphically.	<ul style="list-style-type: none"><li>IM Algebra I: <a href="#">Unit 2 Lesson 13</a> Practice Problem 10</li></ul>	

## Section 2: Choose Your Favorites

Show off your favorite work! For each expectation, SELECT at least one task from each group to demonstrate what you are learning. Which work do you feel best showcases all of the math you have learned?

	I Can Statements	Select at least one from each set	Student Reflection: What new learning does the task showcase?
101.a	Reason about and solve one-variable linear equations and inequalities	<ul style="list-style-type: none"> <li>IM Algebra I: <a href="#">Unit 2 Lesson 1</a> Warm-up: A Main Dish and Some Side Dishes</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 4</a> Warm up: What is a Solution?</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 6</a> Activity 1 Are you ready for more?: Much Ado about Ages.</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 6</a> Cool-down: Box of Beans and Rice</li> </ul>	
101.b	Solve real-life mathematical problems using linear expressions, equations, and inequalities.	<ul style="list-style-type: none"> <li>IM Algebra I: <a href="#">Unit 2 Lesson 4</a> Activity 1: Weekend Earnings</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 4</a> Cool-down: Box of T-shirts</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 9</a> Activity 2: Streets and Staffing</li> <li>IM Algebra I: <a href="#">Unit 2 Lesson 19</a> Activity 2: Part-Time Work</li> </ul>	

	<b>I Can Statements</b>	<b>Select at least one from each set</b>	<b>Student Reflection: What new learning does the task showcase?</b>
101.c	Analyze and solve two-variable equations and pairs of simultaneous linear equations.	<ul style="list-style-type: none"> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 9</a> Cool-down: Carnival Tickets</li> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 10</a> Warm-im up: Games and Rides</li> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 12</a> Cool-down: Fabric Sale</li> </ul>	
101.d	Represent and solve linear equations and inequalities graphically.	<ul style="list-style-type: none"> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 10</a> Activity 1: Graphing Games and Rides</li> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 10</a> Activity 2: Nickels and Dimes</li> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 12</a> Practice Problem 8</li> <li>• IM Algebra I: <a href="#">Unit 2 Lesson 23</a> Cool-down: The Band Played On</li> </ul>	